

## Prof. GÜLEN İREM KAYA

### Personal Information

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### Education Information

Doctorate, Ege Üniversitesi, Sağlık Bilimleri Enstitüsü, Farmakognozi (YI), Turkey 1997 - 2003

Post Graduate, Ege Üniversitesi, Eczacılık Fakültesi, Meslek Bilimleri, Farmakognozi, Turkey 1994 - 1997

Under Graduate, Ege Üniversitesi, Eczacılık Fakültesi, Turkey 1989 - 1993

### Foreign Languages

English, B1 Intermediate

German, C1 Advanced

### Certificates, Courses and Trainings

Occupational Health and Safety, MESLEK HASTALIKLARININ SEBEPLERİ, EGE ÜNİVERSİTESİ İŞ SAĞLIĞI VE GÜVENLİĞİ KOORDİNATÖRÜ, 2015

Occupational Health and Safety, ÇALIŞMA MEVZUATI İLE İLGİLİ BİLGİLER, EGE ÜNİVERSİTESİ İŞ SAĞLIĞI VE GÜVENLİĞİ KOORDİNATÖRÜ, 2015

Education Management and Planning, UHPLC- İLERİ UYGULAMA TEKNİKLERİ VE GC-MS UYGULAMA ALANLARI, EGE ÜNİVERSİTESİ KİMYA BÖLÜMÜ, 2012

Education Management and Planning, MODERN HPTLC/ TLC SEMİNERİ, EGE ÜNİVERSİTESİ ECZACILIK FAKÜLTESİ, 2011

Education Management and Planning, TEMEL HÜCRE KÜLTÜRLERİ VE MOLEKÜLER UYGULAMALARI, EGE ÜNİVERSİTESİ BİLİM-TEKNOLOJİ UYGULAMA VE ARAŞTIRMA MERKEZİ, 2006

Education Management and Planning, YÜKSEK BASINÇ SIVI KROMATOĞRAFİSİ TEORİ VE UYGULAMALARI, EGE ÜNİVERSİTESİ BİLİM-TEKNOLOJİ UYGULAMA VE ARAŞTIRMA MERKEZİ, 2000

Education Management and Planning, GAZ KROMATOĞRAFİSİ TEORİ VE UYGULAMALARI, EGE ÜNİVERSİTESİ BİLİM-TEKNOLOJİ UYGULAMA VE ARAŞTIRMA MERKEZİ, 2000

Education Management and Planning, UV-VIS SPEKTROSKOPİSİ TEORİ VE UYGULAMALARI II, EGE ÜNİVERSİTESİ BİLİM-TEKNOLOJİ UYGULAMA VE ARAŞTIRMA MERKEZİ, 2000

Foreign Language, ALMAN KÜLTÜR MERKEZİ, ALMAN KÜLTÜR MERKEZİ ÇANKAYA, 1997

### Dissertations

Doctorate, Çanakakale kaynaklı *Galanthus nivalis* L. subsp. *cilicicus* (baker) Gottlieb-Tannenhain Örneği Üzerinde Farmakognozok Araştırmalar, Ege University, Sağlık Bilimleri Enstitüsü, Sağlık Bilimleri Enstitüsü, 2003

Post Graduate, *Galanthus elwesii* Hook. Üzerinde Kalite Kontrol Çalışmaları, Ege University, Sağlık Bilimleri Enstitüsü, Pharmacognosy, 1997

## Research Areas

Health Sciences, Pharmacology and Therapeutics, Professional Sciences, Pharmacognosy

## Academic Titles / Tasks

Professor, Ege Üniversitesi, Eczacılık Fakültesi, Meslek Bilimleri, 2018 - Continues

Associate Professor, Ege Üniversitesi, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2013 - 2018

Assistant Professor, Ege Üniversitesi, Eczacılık Fakültesi, Meslek Bilimleri, 2004 - 2013

Research Assistant, Ege Üniversitesi, Eczacılık Fakültesi, Meslek Bilimleri, 1995 - 2004

## Professional Experience

Head of Department, Ege University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2020 - Continues

## Courses

Aromafarmasi, Under Graduate, 2019 - 2020

BİTKİSEL İLAÇLARIN RUHSATLANDIRILMASINDA YASAL DÜZENLEMELER, Post Graduate, 2017 - 2018

Farmakognozi 3, Under Graduate, 2017 - 2018

## Advising Theses

Kaya G. İ. , PİYASADA BULUNAN RAPHANUS SATIVUS L.(TURP) BİTKİSİNİN FARKLI VARYETELERİNİN BİYOLOJİK AKTİVİTE YÖNÜNDEN İNCELENMESİ, Post Graduate, M.CEYLAN(Student), 2019

Kaya G. İ. , Çeşitli Karaciğer Hastalıklarında Silybum Marianum (L.) Gaertn.(Meryemana Dikeni) Etkisinin İncelenmesi, Post Graduate, E.Oğlakçı(Student), 2019

Kaya G. İ. , Piyasada Satılan Folia Melissa Drog Örnekleri Üzerinde Kalite Kontrol Çalışmaları, Post Graduate, A.Karadeniz(Student), 2019

Kaya G. İ. , Foeniculum vulgare Miller (Rezene) Bitkisinin Fitoterapide Kullanımı, Post Graduate, T.Koru(Student), 2019

Kaya G. İ. , Aloe Vera (L.) Burm. F. (Sarsabır) Bitkisinin Fitoterapide Kullanımı, Post Graduate, H.Ahsen(Student), 2019

Kaya G. İ. , Sternbergia sicula Tineo ex Guss. Bitkisinin Kalite Kontrol Açısından Değerlendirilmesi, Post Graduate, D.ÇİÇEK(Student), 2010

## Jury Memberships

Doctoral Examination, Doktora Yeterlilik Jürisi, Ege Üniversitesi Eczacılık Fakültesi/Doktor Yeterlilik Sınavı, March, 2019

Doctoral Examination, Jüri Üyesi, Doktora Yeterlilik Sınavı, May, 2018

Doctoral Examination, Jüri Üyesi, Doktora Yeterlilik Sınavı, May, 2018

Doctorate, Jüri Üyesi, Doktora Taz Savunma Sınavı, February, 2018

Doctoral Examination, Jüri Üyesi, Doktora Yeterlilik Sınavı, September, 2014

Doctoral Examination, Jüri Üyesi, Doktora Yeterlilik Sınavı, July, 2013

Post Graduate, Jüri Başkanı, Yüksek Lisans Tez Savunma Sınavı, January, 2010

## Taught Courses And Trainings

Kaya G. İ. , Kıvçak B., Önür M. A. , Kayalar H., Eczacılar için Eczanede Hazırlanabilecek Bitkisel ürünler, 2013 - 2013  
Kaya G. İ. , Kıvçak B., Üstünes H. L. , Kayalar H., Önür M. A. , Baloğlu E., Gönenç T., Fafal T., Fillik A., ECZACILAR VE HEKİMLER İÇİN XII. FİTOTERAPİ KURSU, 2004 - 2004  
Kaya G. İ. , Gözler T., Kıvçak B., Önür M. A. , Kayalar H., Somer N., ECZACILAR İÇİN VI. FİTOTERAPİ KURSU, 1999 - 1999

## Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- **Chemical Composition and Enzyme Inhibitory Activities of Turkish *Pancreaticum maritimum* Bulbs**  
BOZKURT B., KAYA G. İ. , SOMER N.  
NATURAL PRODUCT COMMUNICATIONS, vol.14, 2019 (Journal Indexed in SCI)
- **Alkaloid profiling, anticholinesterase activity and molecular modeling study of *Galanthus elwesii***  
BOZKURT B., ÇOBAN G., KAYA G. İ. , ONUR M. A. , Unver-Somer N.  
SOUTH AFRICAN JOURNAL OF BOTANY, vol.113, pp.119-127, 2017 (Journal Indexed in SCI)
- **Differences in the Alkaloid Composition of *Glaucium leiocarpum* Boiss. Growing in Northern and Southern Areas of Turkey**  
DEMİR S., ulkar d., KAYA G. İ. , önür m. a. , SOMER N., BOZKURT B.  
Planta Medica, 2017 (Journal Indexed in SCI)
- **Application of HPLC-DAD for the quantification of Lycorine in *Galanthus elwesii* Hook**  
Emir A., Emir C., Bozkurt B., Önür M. A. , Somer N. U. , Kaya G. İ.  
BRAZILIAN JOURNAL OF PHARMACEUTICAL SCIENCES, vol.53, 2017 (Journal Indexed in SCI)
- **Isolation of further alkaloids from *Galanthus cilicicus***  
KAYA G. İ. , UZUN K., DEMİR S., BOZKURT B., önür m. a. , SOMER N.  
Planta Medica, 2017 (Journal Indexed in SCI)
- **Chemical Composition and Antimicrobial Activity of Essential Oils from the Aerial Parts of *Salvia pinnata* L.**  
Unver-Somer N., Sarıkaya B. B. , Eraç B., Kaynar E., Kaya G. İ. , Onur M. A. , Demirci B., Baser K. H. C.  
RECORDS OF NATURAL PRODUCTS, vol.9, pp.614-618, 2015 (Journal Indexed in SCI)
- **Chemical Composition and Antimicrobial Activity of Essential Oils from the Aerial Parts of *Salvia pinnata* L**  
SOMER N., BOZKURT B., ERAÇ B., Kaynar E., KAYA G. İ. , ÖNÜR M. A. , DEMİRCİ B., Başer H. C.  
Records Of Natural Products, vol.9, pp.614-618, 2015 (Journal Indexed in SCI Expanded)
- **Quantitative Determination of Lycorine and Galanthamine in *Galanthus trojanus* and *G. cilicicus* by HPLC DAD**  
KAYA G. İ. , ÇİÇEK POLAT D., BOZKURT B., ÖNÜR M. A. , SOMER N.  
Natural Product Communications, vol.9, pp.1157-1158, 2014 (Journal Indexed in SCI Expanded)
- **GC MS Investigation and Acetylcholinesterase Inhibitory Activity of *Galanthus rizehensis***  
BOZKURT B., SOMER N., KAYA G. İ. , ÖNÜR M. A. , Bastida J., Berkov S.  
Zeitschrift für Naturforschung, vol.68, pp.118-124, 2013 (Journal Indexed in SCI Expanded)
- **Phytochemical investigation of *Galanthus woronowii***  
BOZKURT B., KAYA G. İ. , ÖNÜR M. A. , Bastida J., SOMER N.  
Biochemical Systematics and Ecology, vol.51, pp.276-279, 2013 (Journal Indexed in SCI Expanded)
- **GC MS Investigation of Amaryllidaceae Alkaloids in *Galanthus xvalentinei nothosubsp subplicatus***  
BOZKURT B., Berkov S., Bastida J., KAYA G. İ. , ÖNÜR M. A. , SOMER N.  
Natural Product Communications, vol.8, pp.327-328, 2013 (Journal Indexed in SCI Expanded)
- **Simultaneous Determination of Lycorine and Galanthamine in *Galanthus woronowii* by HPLC DAD**  
EMİR A., ÇİÇEK POLAT D., KAYA G. İ. , BOZKURT B., ÖNÜR M. A. , SOMER N.  
Acta Chromatographica, vol.25, pp.755-764, 2013 (Journal Indexed in SCI Expanded)
- **GC-MS Investigation of Amaryllidaceae Alkaloids in *Galanthus xvalentinei nothosubsp subplicatus***  
Sarıkaya B. B. , BERKOV S., BASTIDA J., Kaya G. İ. , Onur M. A. , Somer N. U.  
NATURAL PRODUCT COMMUNICATIONS, vol.8, pp.327-328, 2013 (Journal Indexed in SCI)

● **Alkaloids from *Galanthus rizehensis***

Sarikaya B. B., Kaya G. İ., Onur M. A., VILADOMAT F., CODINA C., BASTIDA J., Somer N. U.  
PHYTOCHEMISTRY LETTERS, vol.5, pp.367-370, 2012 (Journal Indexed in SCI)

● **Alkaloids from *Galanthus rizehensis***

BOZKURT B., KAYA G. İ., ÖNÜR M. A., Viladomat F., Codina C., Bastida J., SOMER N.  
Phytochemistry Letters, vol.5, pp.367-370, 2012 (Journal Indexed in SCI Expanded)

● **The Effects of Arolycoricidine and Narciprimine on Tumor Cell Killing and Topoisomerase Activity**

BOZKURT B., ZENCİR S., SOMER N., KAYA G. İ., ÖNÜR M. A., bastida j., Berenyi A., Zupko I., TOPÇU Z.  
Records Of Natural Products, vol.6, pp.381-385, 2012 (Journal Indexed in SCI Expanded)

● **Composition of the essential oil of Endemic *Haplophyllum megalanthum* Bornm From Turkey**

SOMER N., KAYA G. İ., BOZKURT B., ÖNÜR M. A., ÖZDEMİR C., DEMİRCİ B., BAŞER K. H. C.  
Records Of Natural Products, vol.6, pp.80-83, 2012 (Journal Indexed in SCI Expanded)

● **Antiprotozoal alkaloids from *Galanthus trojanus***

Kaya G. İ., Sarikaya B., Onur M. A., Somer N., VILADOMAT F., CODINA C., BASTIDA J., Lauinger I. L., Kaiser M., Tasdemir D.

PHYTOCHEMISTRY LETTERS, vol.4, pp.301-305, 2011 (Journal Indexed in SCI)

● **Antiprotozoal Alkaloids from *Galanthus trojanus***

KAYA G. İ., BOZKURT B., ÖNÜR M. A., SOMER N., viladomat f., codina c., bastida j., Lauinger I. L., kaiser m., taşdemir d.

Phytochemistry Letters, vol.4, pp.301-305, 2011 (Journal Indexed in SCI Expanded)

● **HPLC - DAD Analysis of Lycorine in Amaryllidaceae Species**

Kaya G. İ., Cicek D., Sarikaya B., Onur M. A., Somer N. U.

NATURAL PRODUCT COMMUNICATIONS, vol.5, pp.873-876, 2010 (Journal Indexed in SCI)

● **Antioxidant and Antibacterial Activities of *Ranunculus marginatus* var *trachycarpus* and *R sprunerianus***

KAYA G. İ., SOMER N., KONYALIOĞLU S., YALÇIN H. T., KARABAY YAVAŞOĞLU N. Ü., BOZKURT B., ÖNÜR M. A.  
Turkish Journal of Biology, vol.34, pp.139-146, 2010 (Journal Indexed in SCI Expanded)

● **HPLC DAD Analysis of Lycorine in Amaryllidaceae Species**

KAYA G. İ., ÇİÇEK POLAT D., BOZKURT B., ÖNÜR M. A., SOMER N.

Natural Product Communications, vol.5, pp.873-876, 2010 (Journal Indexed in SCI Expanded)

● **Quantitative determination of cucurbitacin E and cucurbitacin I in homoeopathic mother tincture of *Gratiola officinalis* L. by HPLC**

KAYA G. İ., MELZIG M.

PHARMAZIE, vol.63, pp.851-853, 2008 (Journal Indexed in SCI)

● **Quantitative and cytotoxic activity determinations on *Galanthus nivalis* subsp *cilicicus***

Kaya G. İ., GÖZLER B.

FITOTERAPIA, vol.76, pp.340-343, 2005 (Journal Indexed in SCI)

● **Antimicrobial activity of *Sternbergia sicula* and *Sternbergia lutea***

Unver N., Kaya G. İ., Ozturk H.

FITOTERAPIA, vol.76, pp.226-229, 2005 (Journal Indexed in SCI)

● **(-)-capnoidine and (+)-bulbocapnine from an Amaryllidaceae species, *Galanthus nivalis* subsp *cilicicus***

Kaya G. İ., Unver N., GOZLER B., BASTIDA J.

BIOCHEMICAL SYSTEMATICS AND ECOLOGY, vol.32, pp.1059-1062, 2004 (Journal Indexed in SCI)

● **Disposable electrochemical biosensor for the detection of the interaction between DNA and lycorine based on guanine and adenine signals**

KARADENİZ H., GULMEZ B., SAHINCI F., Erdem A., Kaya G. İ., Unver N., Kivcak B., OZSOZ M.

JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, vol.33, pp.295-302, 2003 (Journal Indexed in SCI)

● **Galanthindole: A new indole alkaloid from *Galanthus plicatus* ssp *byzantinus***

Unver N., Kaya G. İ., WERNER C., VERPOORTE R., GOZLER B.

PLANTA MEDICA, vol.69, pp.869-871, 2003 (Journal Indexed in SCI)

## Articles Published in Other Journals

- **Alkaloid profiling of *Galanthus woronowii* Losinsk. by GC-MS and evaluation of its biological activity**  
BOZKURT B., EMİR A., KAYA G. İ. , ÖNÜR M. A. , BERKOV S., BASTIDA J., Unver Somer N.  
MARMARA PHARMACEUTICAL JOURNAL, vol.21, pp.915-920, 2017 (Journal Indexed in ESCI)
- **Quantitative determination of galanthamine and lycorine in *Galanthus elwesii* by HPLC DAD**  
Kaya G. İ. , Çiçek Polat D., Emir A., Bozkurt B., ÖNÜR M. A. , Unver Somer N.  
Turkish Journal of Pharmaceutical Sciences, vol.11, 2014 (Other Refereed National Journals)
- **Quality control evaluation and acetylcholinesterase inhibitory activity of *Galanthus woronowii* Losinsk**  
EMİR A., SOMER N., KAYA G. İ. , BOZKURT B., ÖNÜR M. A.  
Marmara Pharmaceutical Journal, pp.48-51, 2011 (Other Refereed National Journals)
- **Sternbergia Waldst Kit türlerinin kimyasal bileşikleri ve biyolojik aktiviteleri**  
KAYA G. İ.  
MARMARA PHARMACEUTICAL JOURNAL, pp.52-57, 2011 (Other Refereed National Journals)
- **In vitro Cytotoxic Activity of *Sternbergia sicula* S lutea and *Pancreatium maritimum* Extracts**  
KAYA G. İ. , BOZKURT B., ÇİÇEK POLAT D., SOMER N.  
Hacettepe University Journal of the Faculty of Pharmacy, pp.4148, 2010 (Other Refereed National Journals)
- **Quality control and anticholinesterase activity determinations on *Sternbergia sicula***  
Çiçek Polat D., Unver Somer N., Kaya G. İ.  
MARMARA PHARMACEUTICAL JOURNAL, vol.14, pp.121-124, 2010 (Other Refereed National Journals)
- **Türkiyede yetişen *Sternbergia sicula* Tineo ex Guss Bitkisinin Anatomik Özellikleri**  
ÇİÇEK POLAT D., KAYA G. İ. , ÖNÜR M. A.  
Ankara Üniversitesi Eczacılık Fakültesi Dergisi, vol.38, pp.47-78, 2009 (Other Refereed National Journals)
- **An Unusual Pentacyclic Dinitrogenous Alkaloid from *Galanthus gracilis***  
Unver N., Kaya G. İ.  
Turkish Journal of Chemistry, vol.29, pp.547-553, 2005 (Other Refereed National Journals)
- **High Pressure Liquid Chromatographic Analysis of Lycorine in Four *Galanthus* Species Growing in Turkey**  
KAYA G. İ. , FİLLİK A., HIŞIL Y., UNVER N.  
Turkish Journal of Pharmaceutical Sciences, vol.1, pp.41-50, 2004 (Other Refereed National Journals)
- **Quantitative Evaluation of the Specimens of *Galanthus elwesii***  
KAYA G. İ. , GÖZLER T.  
Journal of Faculty of Pharmacy of Gazi University, pp.71-78, 2003 (Other Refereed National Journals)
- **Antimicrobial activity of *Pancreatium maritimum***  
KAYA G. İ. , YALÇIN H. T. , SOMER N.  
Journal of Faculty of Pharmacy of Gazi University, vol.20, pp.65-70, 2003 (Other Refereed National Journals)

## Books & Book Chapters

- **Zeytinyağı ve Deri-Saç Sağlığı**  
KAYA G. İ.  
in: Zeytinyağı ve Sağlık, Eren Akçiçek, Nazan Tuna Oran, Editor, SİDAS MEDYA, 2015
- **ARTEMISIA ABSINTHIUM**  
KAYA G. İ.  
in: FFD MONOGRAFLARI TEDAVİDE KULLANILAN BİTKİLER, L. ÖMÜR DEMİREZER, Editor, Mn Medikal & Nobel, Ankara, pp.83-87, 2011

## Refereed Congress / Symposium Publications in Proceedings

- **Solanum nigrum L. Meyvelerinin Antioksidan ve Antimikrobiyal Aktivitelerinin İncelenmesi**  
KAYA G. İ. , BOZKURT B., YILMAZ F. F. , SOMER N.  
23. BİTKİSEL İLAÇ HAMMADELERİ TOPLANTISI (BİHAT2018), Antalya, Turkey, 09 April 2018, pp.94
- **HPLC-DAD QUANTIFICATION OF SOLASODINE IN Solanum nigrum L. EXTRACT**  
KAYA G. İ. , BOZKURT B., SOMER N.  
4th International Symposium of Medicinal and Aromatic Plants, İzmir, Turkey, 02 October 2018, pp.259
- **ANTIOXIDANT AND ANTIMICROBIAL ACTIVITIES OF *Hypocoum procumbens* L. subsp. atropunctatum**  
A. E. Dahl  
SOMER N., KAYA G. İ. , BOZKURT B., YILMAZ F. F.  
4th International Symposium of Medicinal and Aromatic Plants, İzmir, Turkey, 02 October 2018, pp.260
- **GC-MS PROFILING OF ISOQUINOLINE ALKALOIDS IN *Glaucium flavum* FROM URLA, IZMIR**  
ÜLKAR D., KAYA G. İ. , SOMER N., BOZKURT B.  
4th International Symposium of Medicinal and Aromatic Plants, İzmir, Turkey, 02 October 2018, pp.342
- **Ege Üniversitesi Eczacılık Fakültesi Lisans Eğitimi Programı'nın EczÇEP'le ve Ulusal Standartlarla Uyumunu Geliştirme, Öğretim ve Değerlendirme Süreçlerini İyileştirme Projesi**  
ALPTÜZÜN V., AŞIKOĞLU M., BALOĞLU E., BAŞPINAR Y., BOZKURT B., ÇETİN UYANIKGİL E. Ö. , DEMİRAL YILMAZ N., DURAK H. İ. , ELGİN CEBE G., ERAÇ B., et al.  
. II. Ulusal Eczacılık Eğitimi ve Akreditasyon Kongresi, Eskişehir, Turkey, 10 May 2018, pp.13
- **Ege Üniversitesi Eczacılık Fakültesi Eğitim Programı İyileştirme ve Geliştirme Projesi Kapsamında Yapılan Eczacılık Mesleği Görev Analizi Çalışması**  
ALPTÜZÜN V., AŞIKOĞLU M., BALOĞLU E., BAŞPINAR Y., BOZKURT B., ÇETİN UYANIKGİL E. Ö. , DEMİRAL YILMAZ N., DURAK H. İ. , ELGİN CEBE G., ERAÇ B., et al.  
. II. Ulusal Eczacılık Eğitimi ve Akreditasyon Kongresi, Eskişehir, Turkey, 10 May 2018, pp.16
- **Isolation of further alkaloids from *Galanthus cilicicus***  
KAYA G. İ. , UZUN K., DEMİR S., BOZKURT B., ÖNÜR M. A. , SOMER N.  
65th International Congress and Annual Meeting of the Society for Medicinal Plant and Natural Product Research (GA), Basel, Switzerland, 3 - 07 September 2017
- **Differences in the Alkaloid Composition of *Glaucium leiocarpum* Boiss. Growing in Northern and Southern Areas of Turkey**  
DEMİR S., ULKAR D., KAYA G. İ. , ÖNÜR M. A. , SOMER N., BOZKURT B.  
65th International Congress and Annual Meeting of the Society for Medicinal Plant and Natural Product Research (GA), 3 - 07 September 2017
- **Identification of isoquinoline alkaloids in *Glaucium acutidentatum* by GC-MS**  
BOZKURT B., ULKAR D., DEMİR S., KAYA G. İ. , ÖNÜR M. A. , SOMER N.  
International PSE Symposium, New and Old Phytochemicals: Their Role in Ecology, Veterinary, and Welfare, 17 - 19 September 2017
- **Alkaloid profiling of *Galanthus peshmenii* by GC-MS**  
SOMER N., BOZKURT B., DEMİR S., KAYA G. İ. , ÖNÜR M. A.  
International PSE Symposium, New and Old Phytochemicals: Their Role in Ecology, Veterinary, and Welfare, 17 - 19 September 2017
- **A comparative study on commercial samples of the *Melissae folium* by antioxidant activity**  
KARADENİZ A., BOZKURT B., SOMER N., KAYA G. İ.  
International PSE Symposium, New and Old Phytochemicals: Their Role in Ecology, Veterinary, and Welfare, 17 - 19 September 2017
- **GC-MS Analysis of alkaloids in *Glaucium corniculatum* subsp. *corniculatum***  
DEMİR S., ULKAR D., KAYA G. İ. , ÖNÜR M. A. , SOMER N., BOZKURT B.  
International PSE Symposium, New and Old Phytochemicals: Their Role in Ecology, Veterinary, and Welfare, 17 - 19 September 2017
- **GC-MS Identification of Isoquinoline Alkaloids in *Glaucium leiocarpum* naturally growing in Central**

## Anatolia

ÇOLAK Ç., KAYA G. İ. , Önür M. A. , SOMER N., BOZKURT B.

I. International Congress on Medicinal and Aromatic Plants, 9 - 12 May 2017

**Determination of antioxidant properties of *Rumex crispus* and *Scrophularia canina* subsp. *bicolor***

DEMİR S., BOZKURT B., Önür M. A. , KAYA G. İ. , SOMER N.

I. International Congress On Medicinal And Aromatic Plants, 9 - 12 May 2017

***Equisetum ramosissimum* Bitkisi Üzerinde Antioksidan ve Antimikrobiyal Aktivite Yönünden Araştırmalar**

KARAKOYUN Ç., DEMİR S., BOZKURT B., YILMAZ F. F. , HOŞGÖR LİMONCU M., ÖNÜR M. A. , SOMER N., KAYA G. İ.

22. BİTKİSEL İLAÇ HAMMADELERİ TOPLANTISI, Turkey, 31 August - 05 September 2016

***Glaucium flavum* ve *Glaucium leiocarpum* bitkilerinin antioksidan ve antimikrobiyal aktivite potansiyellerinin araştırılması**

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22. BİTKİSEL İLAÇ HAMMADELERİ TOPLANTISI, Turkey, 31 August - 05 September 2016

***Asperula tenuifolia* Bitkisinin Antioksidan ve Antimikrobiyal Aktivite Potansiyellerinin Belirlenmesi**

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**Cholinesterase inhibitory potentials of some Turkish medicinal plants**

SOMER N., BOZKURT B., EMİR C., KAYA G. İ. , EMİR A., ÖNÜR M. A.

9th Joint Natural Products Conference 2016, Kopenhagen, Denmark, 24 - 27 July 2016

**Ege Üniversitesi Eczacılık Fakültesi Staj Uygulamaları**

BALOĞLU E., PABUÇÇUOĞLU N. A. , KARASULU H. Y. , ELGİN CEBE G., KAYA G. İ. , SEVİN G., ERAÇ B., SÖZER

KARADAĞLI L. S. , ALPAN A. S.

1.Ulusal Eczacılık Eğitimi ve Akreditasyon Kongresi, Turkey, 9 - 10 May 2016

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**Determination of Amaryllidaceae alkaloids in *Snowdrop Galanthus elwesii* from Taurus Mountains**

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**GC-MS Investigation of Glaucium leiocarpum**  
çolak ç., KAYA G. İ. , SOMER N., ÖNÜR M. A. , BOZKURT B.  
k, 02 May 2015
- **Galanthus elwesii Bitkisinin Gaz Kromatografisi Kütle Spektroskopisi Yöntemiyle Alkaloit Profilinin Araştırılması**  
BOZKURT B., KAYA G. İ. , EMİR C., EMİR A., ÖNÜR M. A. , SOMER N.  
15.Uşak Kromatografi Kongresi, Turkey, 8 - 10 April 2015
- **GC-MS Investigation of Amaryllidaceae Alkaloids in Galanthus gracilis**  
BOZKURT B., KAYA G. İ. , ONUR M. A. , BASTIDA J., BERKOV S., SOMER N.  
International Conference on Natural Products Utilization: From Plants to Pharmacy Shelf, Bansko, Bulgaria, 03 November 2013, pp.188
- **Quantitative Determination of Lycorine in Galanthus krasnovii**  
KAYA G. İ. , EMİR A., EMİR C., BOZKURT B., ÖNÜR M. A. , SOMER N.  
International Conference on Natural Products Utilization: from Plant to Pharmacy Shelf, BANSKO, Bulgaria, 3 - 06 November 2013
- **GC MS Investigation of galanthus woronowii Losinsk**  
BOZKURT B., EMİR A., KAYA G. İ. , ÖNÜR M. A. , STRAHİL B., JAUME B., SOMER N.  
International Symposium on Medicinal and Aromatic Plants, İzmir, Turkey, 4 - 07 June 2013
- **Galanthus elwesii Hook f Bitkisi Üzerinde YBSK DAD Yöntemiyle Likorin Miktar Tayini**  
EMİR A., KAYA G. İ. , SOMER N., ÖNÜR M. A.  
BİHAT 2012, Antalya, Turkey, 10 - 13 October 2012
- **Quantitative Determination of Galanthamine and Lycorine in Galanthus fosteri**  
KAYA G. İ. , EMİR A., BOZKURT B., ÖNÜR M. A. , SOMER N.  
16th International Congress Phytopharm 2012, Pietersburg, Russia, 9 - 11 July 2012
- **HPLC DAD analysis of galanthamine in Galanthus elwesii Hook**  
KAYA G. İ. , ÇİÇEK POLAT D., EMİR A., BOZKURT B., ÖNÜR M. A. , SOMER N.  
7th Tannin Conference/58th International Congress and Annual Meeting of the Society-for-Medical-Plant-and-Natural-Product-Research, Berlin, Germany, 29 August - 02 September 2010, vol.76, pp.1251
- **HPLC DAD Analysis of Galanthamine and Lycorine in Galanthus woronowii Losinsk**  
EMİR A., BOZKURT B., KAYA G. İ. , ÖNÜR M. A. , SOMER N.  
International Postgraduate Student Meeting on Pharmaceutical Sciences, İzmir, Turkey, 24 - 27 June 2010

## Supported Projects

- BOZKURT B., SOMER N., KAYA G. İ. , Project Supported by Higher Education Institutions, TÜRKİYE FLORASINDA YETİŞEN GLAUCIUM TÜRLERİNİN GC-MS TEKNİĞİ REHBERLİĞİNDE ALKALOİT PROFİLLERİNİN ARAŞTIRILMASI VE BİYOLOJİK AKTİVİTE POTANSİYELLERİNİN BELİRLENMESİ, 2016 - 2018
- KAYA G. İ. , Project Supported by Higher Education Institutions, PİYASADA SATILAN FOLİA MELİSSAE DROG ÖRNEKLERİ ÜZERİNDE KALİTE KONTROL ÇALIŞMALARI, 2014 - 2016
- KAYA G. İ. , Project Supported by Higher Education Institutions, TÜRKİYE'DE FARKLI LOKALİTELERDE YABANI OLARAK YETİŞEN AMARYLLIDACEAE FAMILİYASINA AİT ÇEŞİTLİ GALANTHUS TÜRLERİNİN GALANTHAMİNE VE LYCORİNE İÇERİKLERİNİN HPLC-DAD YÖNTEMİ İLE DEĞERLENDİRİLMESİ, 2009 - 2014
- KAYA G. İ. , Project Supported by Higher Education Institutions, STERNBERGİA SİCULA TİNEO EX GUSS. BİTKİSİNİN KALİTE KONTROL AÇISINDAN DEĞERLENDİRİLMESİ, 2009 - 2012
- KAYA G. İ. , Project Supported by Higher Education Institutions, TÜRKİYE DE YABANI OLARAK YETİŞEN AMARYLLIDACEA FAMILİYASINA AİT BAZI TÜRLER ÜZ.ARAŞTIRMA, 2004 - 2009
- KAYA G. İ. , Project Supported by Higher Education Institutions, BAYRAMIÇ (ÇANAKKALE)DEN TOPLANAN GALANTHUS NİVALİS L.SUBSP.CİLİCİCUS (BAKER) GOTTLİEB-TANNENHEİN (AMARYLLIDACEAE) BİTKİSİ ÜZERİNE FARMAKOGNOZİK ARŞ., 1999 - 2003



## Activities in Scientific Journals

Journal of Analytical Sciences and Instrumentation, Committee Member, 2018 - Continues  
Annals of Chromatography and Separation Techniques, Committee Member, 2017 - Continues

## Memberships / Tasks in Scientific Organizations

Member, 2010 - Continues  
Member, 2008 - Continues  
Member, 2007 - Continues  
Member, 2005 - Continues

## Scientific Refereeing

South African Journal of Botany, SCI Journal, June 2018

## Invited Congress and Symposium Activities

Gulen Irem KAYA, Buket BOZKURT, Nehir UNVER SOMER, HPLC-DAD QUANTIFICATION OF SOLASODINE IN *Solanum nigrum* L. EXTRACT, 4th International Symposium of Medicinal and Aromatic Plants, Çeşme, Attendee, izmir, Turkey, 2018  
Duygu ÜLKAR, Gulen İrem KAYA, Nehir ÜNVER-SOMER, Buket BOZKURT, GC-MS PROFILING OF ISOQUINOLINE ALKALOIDS IN *Glaucium flavum* FROM URLA, IZMIR, 4th International Symposium of Medicinal and Aromatic Plants, Çeşme, Attendee, İzmir, Turkey, 2018  
Nehir ÜNVER SOMER, Gulen İrem KAYA, Buket BOZKURT, Fethiye Ferda YILMAZ, ANTIOXIDANT AND ANTIMICROBIAL ACTIVITIES OF *Hypocoum procumbens* L. subsp. *atropunctatum* A. E. Dahl, 4th International Symposium of Medicinal and Aromatic Plants, Çeşme, Attendee, İzmir, Turkey, 2018  
Gülen İrem Kaya\*, Buket Bozkurt \*, Fethiye Ferda Yılmaz \*\*, Nehir Ünver-Somer \*, *Solanum nigrum* L. Meyvelerinin Antioksidan ve Antimikrobiyal Aktivitelerinin İncelenmesi, XXIII. Bitkisel İlaç Hammaddeleri Toplantısı (BİHAT 2018), Antalya, Attendee, Antalya, Turkey, 2018  
Karadeniz A, Bozkurt B, Unver-Somer N, Kaya GI, A Comparative Study on Commercial Samples of the *Melissae Folium* by Antioxidant Activity, *New & Old Phytochemicals: Their Role in Ecology, Veterinary & Welfare*, Chieti,, Attendee, Pescara, Italy, 2017  
Demir S, Ulkar D, Kaya GI, Onur MA, Unver-Somer N, Bozkurt B, GC-MS Analysis of Alkaloids in *Glaucium corniculatum* subsp. *corniculatum*, *New & Old Phytochemicals: Their Role in Ecology, Veterinary & Welfare*, Chieti, Italy, p.7, 17-19 Eylül, 2017, Attendee, Pescara, Italy, 2017  
Bozkurt B, Ulkar D, Demir S, Kaya GI, Unver-Somer N, Onur MA, Identification of Isoquinoline Alkaloids in *Glaucium acudidentatum* by GC-MS, *New & Old Phytochemicals: Their Role in Ecology, Veterinary & Welfare*, Chieti, Italy, p.18, 17-19 Eylül 2017, Attendee, Pescara, Italy, 2017  
Unver-Somer N, Bozkurt B, Demir S, Kaya GI, Onur MA, Alkaloid Profiling Of *Galanthus peshmenii* By GC-MS, *New & Old Phytochemicals: Their Role in Ecology, Veterinary & Welfare*, Chieti, Italy, 17-19 Eylül 2017, Attendee, Pescara, Italy, 2017  
ZEYTİNYAĞI VE SAĞLIK SEMPOZYUMU, Invited Speaker, İzmir, Turkey, 2014

## Citations

Total Citations (WOS):339  
h-index (WOS):10

## **Scholarships**

STIENDIENURKUNDE, Official Institutions of Foreign Countries, 2000 - Continues

## **Awards**

KAYA G. İ. , EBİLTEM PROJE YARIŞMASI, EBİLTEM, December 2003